

Montana.—Poplar River, 1st, 3d, 4th, 5th, 17th, 26th, 27th; Fort Maginnis, 5th; Fort Benton, 17th; Fort Shaw, 26th.

Nebraska.—Harvard, 8th; Valentine, 9th.

Nevada.—Carson City, 13th, 26th, 30th; Winnemucca, 26th.

New Hampshire.—Mount Washington, 2d, 5th, 11th, 23d, 24th; Antrim, 11th, 12th, 21st.

New Jersey.—Dover, 3d; Readington, 3d, 6th; Vineland, 24th.

New Mexico.—Fort Wingate, 6th; Fort Stanton, 25th.

New York.—Humphrey, 2d, 6th; Factoryville, 3d, 24th; Menand Station (near Albany), 6th, 7th, 11th, 24th; North Volney, 6th, 20th, 21st, 25th; Albany, 21st; Buffalo, 23d; Palermo and White Plains, 25th.

North Carolina.—Lenoir, Weldon, and Statesville, 24th; Flat Rock, 24th, 25th; Reidsville, 28th.

Ohio.—Toledo and Tiffin, 2d; Garrettsville, 2d, 6th, 17th; Wauseon, 2d, 6th, 17th, 23d; Napoleon, 2d, 6th, 23d; Jacksonborough, 2d, 23d; Westerville and Yellow Springs, 2d, 23d, 24th; Cincinnati, College Hill, North Lewisburg, and Portsmouth, 24th.

Oregon.—Linkville, 11th, 12th; Lakeview, 25th; Fort Klamath, 25th, 26th, 27th, 29th, 30th.

Pennsylvania.—Grampian Hills, 2d, 3d, 7th, 17th; Wellsborough, 2d, 23d; Dyberry, 3d, 17th, 18th, 20th, 21st, 22d, 24th, 25th, 26th; Troy, 5th; Wysox, 23d, 24th, 25th; Tidionte, 24th.

Rhode Island.—Narragansett Pier, 3d.

South Carolina.—Spartanburg, 24th, 25th.

Tennessee.—Ashwood, 21st; Milan and Nashville, 24th.

Vermont.—Stowe, 2d, 3d, 10th, 11th, 17th, 20th, 21st, 23d, 24th, 25th; Woodstock, 3d, 6th; Strafford, 3d, 6th, 7th, 11th, 12th, 20th, 21st, 25th, 26th; Dorset, 5th, 6th, 7th, 11th, 12th, 18th to 21st, 23d to 26th; Lunenburg, 6th, 7th, 11th, 20th, 21st, 26th.

Virginia.—Wytheville, 23d, 24th; Dale Enterprise and Brington, 24th; Marion, 24th, 25th.

Washington Territory.—Dayton, 26th.

West Virginia.—Helvetia, 24th; Parkersburg, 25th.

Wisconsin.—La Crosse, 1st, 5th, 23d; Neillsville, 4th, 10th, 16th, 18th, 23d; Embarras, 5th, 6th, 7th, 23d; Wausau, 5th, 7th, 23d.

Wyoming.—Fort Bridger, 27th, 28th.

The following reports of injury to crops, etc., by frost, have been received:

Ada, Norman county, Minnesota: a heavy frost occurred in the county on the 1st, almost totally destroying garden vegetables.

Bird Island, Renville county, Minnesota: the buckwheat crop in this vicinity was almost totally destroyed by the frost of the 1st.

Foxborough, Norfolk county, Massachusetts: a heavy frost occurred in this vicinity during the night of the 2d-3d, causing considerable damage to vegetation.

Saint Vincent, Minnesota: reports from various parts of Minnesota state that the frost on the morning of the 3d caused considerable damage. In the vicinity of Moorhead and Willmar the corn crop was almost entirely ruined.

Adrian, Lenawee county, Michigan: it is estimated that the frosts of the 2d and 3d ruined about ten per cent. of the crops of corn, grapes, and tomatoes.

Berlin, Green Lake county, Wisconsin: much damage was done to the cranberry crop by the frost of the 5th.

Hudson, Saint Croix county, Wisconsin: the corn crop in this section was badly damaged by frost on the 5th.

Palmyra, Jefferson county, Wisconsin: considerable damage was done to tender vegetation in this vicinity by the frost of the 5th.

Colfax, Richland county, Dakota: the frosts of the 3d, 4th, and 5th destroyed nearly all garden vegetables in this vicinity; the temperature fell to 29° on the 5th.

Austin, Mower county, Minnesota: corn and garden vegetables were damaged to a considerable extent by frost on the 5th.

Northfield, Rice county, Minnesota: the heavy frost of the 5th caused injury to tender vegetation in the lowlands.

Portland, Maine: reports state that a heavy frost occurred on the 6th in the lowlands near Farmington, Franklin county, destroying corn, vines, etc.

Montrose, Colorado: a killing frost occurred on the morning of the 13th; garden vegetables in this vicinity were destroyed.

Madison, Wisconsin: the late corn was considerably damaged by the frost of the 23d.

Whitewater, Walworth county, Wisconsin: the heavy frost of the 23d caused considerable damage to vegetables.

ICE.

The formation of ice has been reported, as follows:

Dakota.—Bismarck, 3d; Fort Totten 4th; at the latter station ice formed to a thickness of one-quarter of an inch.

Michigan.—Manistique, 23d, first ice of season.

Ohio.—Napoleon, 2d: it has been reported from several localities, that ice formed as thick as window glass, causing considerable damage to corn and tender vines.

Wisconsin.—Embarras, 23d: thin ice formed during the night.

PRECIPITATION.

[Expressed in inches and hundredths.]

The distribution of rainfall over the United States and Canada for September, 1885, as determined from reports from more than eight hundred stations, is exhibited on chart iii.

In the following table are shown, for the several geographical districts, the normal September precipitation for a series of years, the average for September, 1885, and the excess or deficiency as compared with the normal:

Average rainfall for September, 1885.

Districts.	Average for September, Signal-Service observations.		Comparison of September, 1885, with the average for several years.
	For several years.	For 1885.	
	Inches.	Inches.	Inches.
New England.....	3.33	1.74	-1.59
Middle Atlantic States.....	3.99	1.66	-2.33
South Atlantic States.....	5.84	7.14	+1.30
Florida Peninsula.....	5.22	10.34	+5.12
Eastern Gulf States.....	4.21	7.91	+3.70
Western Gulf States.....	4.56	8.34	+3.78
Rio Grande Valley.....	4.46	4.40	-0.06
Tennessee.....	3.24	4.68	+1.44
Ohio Valley.....	2.56	3.54	+0.98
Lower lake region.....	3.09	2.74	-0.35
Upper lake region.....	3.70	2.51	-1.19
Extreme northwest.....	2.35	1.19	-1.16
Upper Mississippi Valley.....	3.57	4.87	+1.30
Missouri Valley.....	2.27	3.47	+1.20
Northern slope.....	1.14	0.52	-0.62
Middle slope.....	1.60	2.26	+0.66
Southern slope.....	1.18	0.44	-0.74
Southern plateau.....	0.62	0.68	+0.06
Middle plateau.....	0.79	1.01	+0.22
Northern plateau.....	1.94	2.18	+0.24
North Pacific coast region.....	0.30	1.03	+0.73
Middle Pacific coast region.....	0.02	0.02	0.00
South Pacific coast region.....			

The precipitation along the south Atlantic and Gulf coasts was remarkably heavy, the average for the Florida Peninsula and Gulf States being nearly twice as great as the September normal. The rainfall at Galveston, Texas, exceeded by nearly seven inches the largest monthly precipitation (18.41, for September, 1875) recorded at that station since its establishment in 1871. Of this remarkably heavy precipitation, 16.53 fell from the 15th to the 20th. At New Orleans, Louisiana, the precipitation for September, 1885, has been exceeded in but two months during the last fourteen years, viz., 18.68, for May, 1873, and 13.62, for April, 1874, that for September, 1885, being 13.55, or 9.25 in excess of the average. At Jacksonville, Florida, 19.63 fell during the month, this amount having been exceeded in but one month, viz., 21.12, for September, 1878, since observations were begun in 1871. In the south Atlantic states, Tennessee, the upper Mississippi and Missouri valleys, the excess for the districts ranged from 1.20 to 1.44. At Red Bluff, California, the monthly rainfall was 2.91 (all of which fell on the 24th), or 2.49 in excess of the September average. The observer at that station reports that "this is the heaviest rainfall known to have occurred here since 1857."

In the southern plateau, western Texas, at Brownsville,

Texas, and over the northern districts from Montana eastward to the Atlantic coast the monthly rainfall has been below the average for September, the most marked deficiencies occurring in the middle Atlantic states and New England, where only about one-half of the average amount of rain fell.

The departures from the normal precipitation at Signal Service stations are given in the table of miscellaneous data.

DEVIATIONS FROM AVERAGE PRECIPITATION.

The following table shows, for certain stations, as reported by voluntary observers, the average precipitation for the month of September for a series of years, the precipitation for September, 1885, and the departures from the average:

Station.	County.	Average precipitation for Sept.	Number of years.	Precipitation for Sept., 1885.	Departure.
<i>Arkansas.</i>		<i>Inches.</i>		<i>Inches.</i>	<i>Inches.</i>
Lead Hill.....	Boone.....	3.86	4	3.64	-0.22
<i>Connecticut.</i>					
Hartford.....	Hartford.....	3.01	13	2.26	-0.75
Middletown.....	Middlesex.....	3.45	27	0.67	-2.78
Wallingford.....	New Haven.....	3.53	27	0.75	-2.78
<i>Dakota.</i>					
Webster.....	Day.....	1.97	3	8.28	+6.31
<i>District of Columbia.</i>					
West Washington.....		3.48	4	2.62	-0.86
<i>Illinois.</i>					
Anna.....	Union.....	2.59	10	4.54	+1.95
Collinsville.....	Madison.....	2.99	6.78	+3.79
Mattoon.....	Coles.....	2.84	5	5.30	+2.46
Peoria.....	Peoria.....	3.50	30	5.28	+1.78
Riley.....	McHenry.....	3.92	24	3.86	-0.06
Sycamore.....	De Kalb.....	3.36	4	0.10	-3.26
<i>Indiana.</i>					
Lafayette.....	Tippecanoe.....	2.21	5	4.64	+2.43
Logansport.....	Cass.....	2.90	26	5.00	+2.10
Spiceland.....	Henry.....	3.37	26	2.06	-1.31
Manzy.....	Rush.....	2.66	6	2.47	-0.19
Vevay.....	Switzerland.....	3.43	22	3.08	-0.35
<i>Iowa.</i>					
Cresco.....	Howard.....	4.54	10	4.22	-0.32
Monticello.....	Jones.....	4.04	31	3.95	-0.09
<i>Kansas.</i>					
Independence.....	Montgomery.....	3.59	13	7.94	+4.35
Wellington.....	Sumner.....	4.28	7	5.31	+1.03
Yates Centre.....	Woodson.....	3.37	5	0.99	-2.38
<i>Maine.</i>					
Gardiner.....	Kennebec.....	3.26	47	1.98	-1.28
<i>Maryland.</i>					
Fallston.....	Harford.....	4.61	15	0.64	-3.97
<i>Massachusetts.</i>					
Amherst.....	Hampshire.....	3.26	51	0.67	-2.59
Cambridge.....	Middlesex.....	3.55	44	1.80	-1.75
Fitchburg.....	Worcester.....	2.94	21	1.57	-1.37
Lake Cochituate.....	Middlesex.....	3.43	34	1.04	-2.39
Lowell.....	Middlesex.....	3.20	61	1.80	-1.40
New Bedford.....	Bristol.....	3.57	72	1.85	-1.72
Springfield.....	Hampden.....	3.36	38	1.01	-2.35
Somerset.....	Bristol.....	2.98	15	1.15	-1.83
Taunton.....	Bristol.....	2.23	11	1.01	-1.22
Waltham.....	Middlesex.....	3.29	61	1.74	-1.55
Williamstown.....	Berkshire.....	4.41	11	1.64	-2.77
Worcester.....	Worcester.....	3.32	43	0.87	-2.45
<i>Nevada.</i>					
Carson City.....	Ormsby.....	0.17	0.06	-0.11
<i>New Brunswick.</i>					
Saint John.....	Saint John.....	3.80	25	3.77	-0.03
<i>New Hampshire.</i>					
Antrim.....	Hillsborough.....	3.47	12	2.45	-1.02
Concord.....	Merrimac.....	3.29	30	0.96	-2.33
Hanover.....	Grafton.....	2.91	20	2.19	-0.72
<i>New Jersey.</i>					
South Orange.....	Essex.....	3.72	16	0.25	-3.47
<i>New York.</i>					
Menand Station.....	Albany.....	2.37	4	1.74	-0.63
North Volney.....	Oswego.....	2.87	14	3.30	+0.43
<i>Ohio.</i>					
North Lewisburg.....	Champaign.....	3.15	13	3.15	0.00
Wauseon.....	Fulton.....	2.41	13	2.14	-0.27
<i>Pennsylvania.</i>					
Dyberry.....	Wayne.....	2.40	15	1.04	-1.36
<i>South Carolina.</i>					
Kirkwood (near Camden).....	Kershaw.....	5.43	19	2.34	-3.09
Statesburg.....	Sumter.....	4.24	5	3.48	-0.76
<i>Texas.</i>					
New Ulm.....	Austin.....	5.70	14	3.51	-2.19
<i>Vermont.</i>					
Lunenburg.....	Essex.....	3.38	38	3.00	-0.38
Newport.....	Orleans.....	4.57	11	4.25	-0.31
Strafford.....	Orange.....	3.70	11	2.70	-1.00
Woodstock.....	Windser.....	3.06	17	2.35	-0.71
<i>Virginia.</i>					
Bird's Nest.....	Northampton.....	3.24	16	3.00	-0.24
Dale Enterprise.....	Rockingham.....	5.06	5	1.04	-4.02
Wytheville.....	Wythe.....	3.58	21	1.66	-1.92
<i>West Virginia.</i>					
Helvetia.....	Randolph.....	4.52	9	1.43	-3.09
<i>Wisconsin.</i>					
Beloit.....	Rock.....	3.55	35	4.56	+1.01
Wausau.....	Marathon.....	5.72	2.06	-3.66

* From the "Bulletin of the New England Meteorological Society."

Voluntary observers also report the following notes:

Monticello, Jones county, Iowa: the largest precipitation for September during the last thirty-one years is 10.15, for 1881; no rain fell during September, 1871.

Fallston, Harford county, Maryland: the largest September precipitation during the last fifteen years, 12.95, occurred in 1876; the least, 0.23, in 1884.

Wauseon, Fulton county, Ohio: the largest September precipitation during the last thirteen years is 5.29, for 1879, and the least is 0.66, for 1874.

Woodstock, Windsor county, Vermont: the largest September precipitation during the last seventeen years, 6.77, occurred in 1882; the least, 0.76, in 1884.

Bainbridge Island, Washington Territory: the precipitation for September, 1885, 4.27, is the largest recorded in September during the last eight years.

HAIL.

Mackinaw City, Michigan: during the morning of the 4th a heavy hail storm occurred at Saint Ignace, distant about five miles. The hail-stones measured one-half inch in diameter.

Humphrey, Cattaraugus county, New York: a hail storm occurred a few miles west of this place on the 4th, causing considerable damage to crops. The hail-stones were from one-half to one inch in diameter, and some measured several inches in length.

Leonardtown, Saint Mary's county, Maryland: a violent hail storm visited this county about 5 p. m. on the 5th. The track of the storm was about three miles in width, and extended through the central part of the county for a distance of twenty miles. Great damage was done to the tobacco crop, fruits and vegetables.

Port Tobacco, Charles county, Maryland: the most destructive hail storm ever known in this part of the state occurred during the evening of the 5th. Entire fields of corn and tobacco were completely destroyed. The hail-stones were as large as pullet's eggs, and the destruction was general where the storm touched. The damage in Charles county is estimated at \$100,000.

Hail storms are also reported to have occurred as follows:

1st.—Birmingham, Michigan; Mount Washington, New Hampshire; Santa Fé, New Mexico; Erie, Pennsylvania; Oswego, New York; Buffalo, New York; Swartz Creek, Michigan; Traverse City, Michigan.

4th.—Fort Pembina, Dakota; Pike's Peak, Colorado; Fort Supply, Indian Territory; Fort Scott, Kansas; West Leavenworth, Kansas.

5th.—Santa Fé, New Mexico.

6th.—Prescott, Arizona; Santa Fé, New Mexico; Sanford, Florida.

8th.—Jacksonborough, Ohio.

9th.—Greensborough, Alabama.

11th.—Fort Lewis, Colorado; Fort Sully, Dakota; Harvard, Nebraska; Marquette, Nebraska; Salt Lake City, Utah.

12th.—Montrose, Colorado; Salt Lake City, Utah.

13th.—Fort Assinaboine, Montana.

15th.—Neah Bay, Washington Territory.

23d.—Buckfield, Maine; Wellsborough, Pennsylvania; Brattleborough, Vermont.

25th.—Salt Lake City, Utah.

26th.—Cedar Rapids, Iowa.

27th.—Fort Supply, Indian Territory.

MONTHLY SNOWFALLS.

[Expressed in inches and tenths.]

The following monthly snowfalls have been reported:

Stowe, Vermont, 12.0; Strafford, Vermont, 9.0; Pike's Peak, Colorado, 6.2; Mount Washington, New Hampshire, 5.3; Dorset, Vermont, 4.0; Deadwood, Dakota, 2.5; Post Mills, Vermont, 2.0; Fort Bridger, Wyoming, 1.6; Lunenburg, Vermont, 1.1.

On the summit of Pike's Peak, Colorado, there remained at the close of the month four inches of unmelted snow.

Table of excessive and greatest monthly precipitation for September, 1885.

Station.	Specially heavy.		Largest monthly.	Amount.	Station.	Specially heavy.		Largest monthly.	Amount.
	Date.	Amt.				Date.	Amt.		
Alabama.					Indiana.				
Roanoke.....			10.00		Marengo.....	2	2.20	10.20	
Bolling.....			9.67		Do.....	27 to 30	6.05		
Tusculum a.....			9.26		Terre Haute.....	13, 14	3.36	9.33?	
Mobile.....	4	3.23	9.25		Do.....	28, 29, 30	4.70		
Tusculum b.....	29, 30	3.87	7.37		Princeton.....	28, 29, 30	4.70	6.80	
Newton.....			7.35		Degonia Springs.....	27 to 30	4.48	6.12	
Birmingham.....	20	2.00	6.97		Greencastle.....	13	2.40	6.07	
Do.....	30	2.07			Do.....	29, 30	2.38		
Eufaula a.....					Lafayette.....	29, 30	2.41		
Evergreen.....	8, 9	2.06	6.95		Lafayette.....	12, 13	3.43		
Florence.....			6.59		Jeffersonville.....	23, 30	2.18		
Opelika.....	20	2.55	6.43		Logansport.....	13	3.18		
Carrollton.....			6.13		Sunnyside.....	8	2.11		
Eufaula b.....			6.05		Do.....	28, 29, 30	2.36		
Mount Willing.....			6.00		Brookville.....	13	2.00		
Arkansas.					Worthington.....	28, 29, 30	2.53		
Arkansas City.....	19, 20	4.76	7.31		Dana.....	28, 29, 30	3.10		
California.					Monticello.....	12, 13	2.61		
Red Bluff.....	24	2.91			Fort Wayne.....	12	2.50		
Dakota.					Indian Territory.				
Webster.....	7, 8, 9	3.00	8.28		Fort Supply.....	27, 28	2.25		
Do.....	11, 12	5.28			Fort Reno.....	27, 28	2.10		
Yankton.....	7, 8	2.12			Iowa.				
Do.....	11, 12	2.53			Des Moines.....	7, 8	2.68		
Fort Sisseton.....	11, 12	2.60			West Union.....	7, 8	2.40		
Dist. of Columbia.					Manchester.....	12	2.02		
Distrib. Reservoir.....	5, 6	2.95			Cresco.....	7, 8	2.00		
West Washington.....	4, 5	2.04			Kansas.				
Florida.					Elk Falls.....	5	3.00?	10.75?	
Mayport.....	18 to 21	9.52	23.24		Do.....	11	4.00?		
Do.....	26 to 29	13.72			Independence.....	11, 12	3.14	7.94	
Jacksonville.....	19, 20	5.65	19.63		Leavenworth.....	4, 5	3.19	7.05	
Do.....	26 to 29	11.27			Do.....	7, 8	2.86		
Manatee.....	11, 12, 13	5.97	13.68		W. Leavenworth.....	4	3.20	7.50	
Do.....	25, 26, 27	5.80			Do.....	6, 7	3.05		
Fernandina.....	19, 20, 21	4.50	13.16		Wyandotte.....	3, 4	3.13	6.83	
Do.....	26, 27, 28	5.90			Do.....	6, 7	2.13		
Saint Augustine.....	19, 20	2.90	12.24		Concordia.....	7	2.81		
Do.....	24, 25, 26	4.88			Topeka.....	7	2.18		
Archer.....	23	3.81	11.60		Atchison.....	6, 7	3.00		
Do.....	20, 21	3.40			Wellington.....	7	2.37		
Do.....	26	3.50			Emporia.....	4, 5	2.12		
Live Oak.....	5	2.00	11.18		Westmoreland.....	7	2.00		
Do.....	20	3.60			Kentucky.				
Merritt's Island.....	25, 26	6.25	11.15		Louisville.....	29, 30	2.28		
Sanford.....	11	2.76	10.73		Louisiana.				
Limona.....	10	2.23	10.64		New Orleans.....	19, 20	3.97	13.55	
Do.....	18	2.25			Do.....	26	3.23		
Pensacola.....	26, 27	2.76			Grand Coteau.....	3	2.50	10.58	
Cedar Keys.....	26	2.83			Do.....	15	2.75		
Key West.....	22, 23	2.12			Point Pleasant.....	9, 10	3.82	9.79	
Tallahassee.....	26, 27	2.15			Luling.....	19, 20	3.81	9.44	
Waldo.....	20, 21	2.06			Lafayette.....	14	2.15	7.70	
Georgia.					Do.....	19, 20	2.43		
Saint Mary's.....			27.40		Liberty Hill.....	5	2.10	7.66	
Brunswick.....			22.08		Do.....	9	2.50		
Way Cross.....	19, 20	2.42	16.13		Shreveport.....	5, 6	2.87	6.70	
Do.....	26 to 30	11.70			Monroe.....	5	2.00	6.51	
Ellerslie.....			14.00		Natchitoches.....	9, 10	2.07	6.25	
Walthourville.....			12.70		Coushatta.....				
Jesup.....	4	2.44	12.52		Maine.				
Do.....	27	7.82			Petit Manon.....			6.50	
Savannah.....	20, 21	3.25	12.00		Eastport.....	22, 23	2.28		
Do.....	27 to 30	5.50			Michigan.				
Griffin.....	20, 21	5.80	11.64		Alpena.....	8, 9	3.05		
Do.....	27, 28	3.94			Grand Haven.....	8, 9	2.89		
Gainesville a.....			9.85		Harrisville.....	8	2.50		
Carrollton.....			9.70		Minnesota.				
Milledgeville.....	20, 21	4.40	9.38		Northfield.....	7, 8	2.95		
Do.....	26, 27, 28	4.30			Minneapolis.....	11	2.51		
La Grange.....			8.85		Rochester.....	7, 8, 9	2.49		
West Point.....	20, 21	5.67	8.81		Duluth.....	11, 12	2.30		
Dalton.....	20, 21	3.52	8.74		Mississippi.				
Do.....	30	2.13			Edwards.....	5	4.90	12.15	
Forsyth.....	19, 20, 21	2.63	8.67		Do.....	9, 10, 11	4.31		
Do.....	26 to 30	4.50			Jackson.....	5	4.93	10.32	
Athens.....	19, 20, 21	5.15	8.65		Vicksburg.....	5	2.24	9.28	
Newnan.....	27, 28, 29	4.70	8.08		Do.....	9, 10	3.06		
Macon.....	27, 28	3.84	8.05		Columbus.....	19, 20	2.01	6.97	
Eastman.....	19, 20	2.01	7.96		Holly Springs.....	23	3.55	6.89	
Do.....	27, 28	3.29			Batesville.....	5, 6	3.24	6.86	
Dahlonga.....			7.54		Aberdeen.....	20	2.00	6.83	
Cochran.....			7.45		Fort Gibson.....	10, 11	2.92	6.01	
Camak.....	20, 21	4.92	7.35		Brookhaven.....	26	2.00		
Allapaha.....	26, 27	2.51	6.95		Oxford.....	29, 30	2.65		
Fort Valley.....			6.80		Missouri.				
Gainesville b.....	20, 21	2.94	6.73		Lamar.....	4, 5	2.60	13.24	
Thomasville.....			6.69		Do.....	7	2.68		
Atlanta.....	20, 21	2.00	6.51		Do.....	12, 13	2.50		
Do.....	27, 28	2.44			Saint Louis.....	3, 4	3.63	8.98	
Toccoa.....	20, 21	3.54	6.29		Do.....	12, 13	3.32		
Columbus.....	21	2.21	6.25		Independence.....	3	2.35	8.36	
Quitman.....			6.00		Greenfield.....			7.60	
Albany.....	26, 27	2.10			Mexico.....			7.51	
Washington.....	20, 21	3.60			Sedalia.....			7.19	
Bainbridge.....	14	2.04			Pierce City.....	5	2.00	6.90	
Illinois.					Do.....	8	2.00		
Collinsville.....	4	2.00	6.78		Lexington.....			6.51	
Do.....	12, 13	2.80			Shelbina.....			6.40	
Windsor.....	29	2.35	6.69		Centerville.....	13	2.00	6.26	
Sycamore.....			6.10		Do.....	30	2.20		
Mattoon.....	28, 29, 30	2.50			Springfield.....			6.15	
Cairo.....	28, 29	2.18			Houstonia.....			6.00	
Bunker Hill.....	13	2.00							

Table of excessive and greatest monthly precipitation for September, 1885—Con.

Station.	Specially heavy.		Largest monthly.	Amount.	Station.	Specially heavy.		Largest monthly.	Amount.
	Date.	Amt.				Date.	Amt.		
New York.					Tennessee—Con.				
Madison Bar'cks.....	8, 9	2.60			Cookeville.....	29, 30	2.10		
Palermo.....	8, 9	2.40			Riddleton.....	30	2.38		
North Carolina.					Hardison's Mills.....	5	2.00		
Hatteras.....	21, 22	6.86	7.27		Warner.....	28, 29	2.10		
Smithville.....	21	6.51	6.94		Ashwood.....	28, 29	2.00		
Fort Macon.....	21	6.02	6.31		Hohenwald.....	29	2.53		
Lincolnton.....	30	2.30			Sailors Rest.....	27, 28	2.18		
Wilmington.....	21	4.74			Bolivar.....	28, 29	2.68		
Charlotte.....	21, 22	3.20			Texas.				
Kitty Hawk.....	21, 22	4.60			Galveston.....	3, 4	8.24	26.01	
New River Inlet.....	21, 22	5.29			Do.....	15 to 20	16.53		
Ohio.					Indianola.....	3, 4	2.89	10.36	
Jacksonburg.....	7, 8	3.50			Do.....	18, 19, 20	5.07		
North Lewisburg.....	8	2.70			Hearne.....	10	2.41	9.16	
Upper Sandusky.....	8	3.25			Do.....	17	4.50		
Yellow Springs.....	8	2.07			Sour Lake.....	7	2.00	9.11	
Washington C.H.....	8	2.00			Do.....	18, 19	2.81		
Waynesville.....	8	2.70			Do.....	30	2.00		
Springborough.....	8	2.97			Columbia.....	3, 4	3.07	9.06	
South Carolina.					Do.....	19	3.04		
Yemassee.....	19, 20	2.90	7.37		Austlin.....	9	2.00	8.97	
Hardeeville.....	27, 28	2.99			Do.....	16, 17	5.48		
Greenville.....	20, 21	3.10			Waco.....	9, 10	2.05	6.85	
Anderson.....	20, 21	3.75			Do.....	15, 16	3.50		
Batesburg.....	21	3.37			Paris.....	16, 17	3.14		
Tennessee.					Comfort.....	9, 10	2.20		
Grand Junction.....	27, 28	4.10	6.80		Rio Grande City.....	15, 16	2.74		
Waynesborough.....	28, 29	4.76	6.66		Vermont.				
Chattanooga.....	20, 21	2.79	6.48		Charlotte.....	10	2.50		
Do.....	29, 30	2.05			Virginia.				
Nashville.....	29, 30	3.35			Norfolk.....	21, 22	3.05		
Bolivar.....	27, 28	2.51			Washington T.				
Parkville.....	20	2.00			Neah Bay.....	8, 9	2.65	12.15	
Grief.....	20	2.70			Do.....	14, 15	3.05		
Fosteria.....	20	2.70			Tatoosh Island.....			9.60	
Do.....	29	2.00			Pysht.....	13, 14	3.61	9.44	

SNOW.

Snow fell in the various states and territories, as follows:
California.—Fort Bidwell: on the 25th snow fell to a depth of one inch in mountains north and west of station, at an altitude of 2,000 feet.

Red Bluff: the mountains east of this station were covered with snow on the 24th.

Colorado.—Fort Lewis, 5th, 26th; Pike's Peak, 7th, 16th, 26th, 27th.

Montrose: the mountains to the south of this place were covered with snow on the morning of the 7th.

Connecticut.—North Colebrook, 24th.

Dakota.—Deadwood, 4th.

Massachusetts.—Heath and Princeton, 23d.

Montana.—Fort Maginnis, 4th.

New Hampshire.—Mount Washington, 2d, 5th, 23d, 24th.

New York.—Humphrey, Lowville, Houseville, Plattsburg Barracks, New Bremen, Sharon Springs, and Balston, 23d.

Pennsylvania.—Wellsborough, 4th, 23d.

Vermont.—Bennington, Newport, Lunenburg, Dorset, Derby Line, Post Mills, and Strafford, 23d.

Charlotte: snow fell on the mountains east and west of station on the 24th. This is the first snowfall ever known to have occurred at this place in September.

At Strafford the snowfall of the 23d remained on the ground for two days, causing damage to corn and fruit.